

RATED SHEATHING DESIGN CAPABILITIES

Stress Parallel to Strength Axis

Property	24/16	32/16	40/20	48/24
Panel Bending Stiffness	78,000	115,000	225,000	400,000
Panel Bending Strength	385	445	750	1,000
Panel Axial Tension	2,600	2,800	2,900	4,000
Panel Axial Compression	3,250	3,550	4,200	5,000
Panel Axial Stiffness	3,800,000	4,150,000	5,000,000	5,850,000
Panel Shear (Plane)	150	165	205	250
Panel Rigidity	83,500	83,500	88,500	96,000
Panel Shear (Thickness)	165	180	195	220

Stress Perpendicular to Strength Axis

Property	24/16	32/16	40/20	48/24
Panel Bending Stiffness	16,000	25,000	56,000	91,500
Panel Bending Strength	115	165	270	405
Panel Axial Tension	1,300	1,650	2,100	2,550
Panel Axial Compression	2,500	3,100	4,000	4,300
Panel Axial Stiffness	2,900,000	3,600,000	4,500,000	4,500,000
Panel Shear (Plane)	150	165	205	250
Panel Rigidity	83,500	83,500	88,500	96,000
Panel Shear (Thickness)	165	180	195	220